MAIL STOP PCT
PATENT
8017-1156

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IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Attn: OFFICE OF PCT

LEGAL ADMINISTRATION

Akira USUI et al.

Conf. 8975

Group

Filed December 30, 2004

Application No. 10/519,571\

Examiner

GROUP III NITRIDE SEMICONDUCTOR SUBSTRATE AND PROCESS FOR PRODUCTION THEREOF

REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR §1.48(a)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

March 9, 2005

Sir:

Under the provisions of 37 CFR 1.48(a), it is respectfully requested that the inventorship of the above-identified non-provisional application be changed, to include not only the originally-named inventors, Masatomo SHIBATA and Yuichi OSHIMA, but also Akira USUI of Tokyo, Japan.

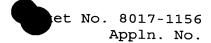
The undersigned registered patent attorney hereby states that the inventorship error occurred without deceptive intention on the part of the ommitted inventor.

Attached hereto are: the assignees' Consent to

Correction of Inventorship, another copy of the previously filed

executed Declaration and Power of Attorney 17/15/16/25 [17/17] 105/195/1

inventors, a Certificate Under 37 CFR §3.73(b), and a Statement



in Support of a Petition Under 37 CFR §1.48(a) from the omitted inventor.

Please charge the CFR 1.17(i) processing fee of \$130 to Deposit Account No. 25-0120.

Respectfully submitted,

YOUNG & THOMPSON

Benoit Castel, Reg. No. 35,041

745 South 23rd Street Arlington, VA 22202

Telephone (703) 521-2297

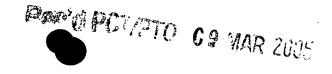
Telefax (703) 685-0573

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BC/at

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PATENT 8017-1156

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Akira USUI et al.

Conf. 8975

Application No. 10/519,571

Group

Filed December 30, 2004

Examiner

GROUP III NITRIDE SEMICONDUCTOR SUBSTRATE AND PROCESS FOR PRODUCTION THEREOF

CONSENT TO CORRECT INVENTORSHIP ____UNDER 37 CFR §1.48(a)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We, NEC Corporation and Hitachi Cable, Ltd., both of Tokyo, Japan, assignees of the above-identified patent application, hereby consent to the change of inventorship recited herein from "Masatomo SHIBATA and Yuichi OSHIMA" to -Akira USUI, Masatomo SHIBATA and Yuichi OSHIMA--.

Respectfully submitted,

		1	NEC Corporation By Sachia Matenbara
Date	March 3, 2005		Sachio Matsubara, Senior Manager Title Intellectual Asset Planning Division

Hitachi Cable, Ltd.

Date March 3, 2005

By Masaaki Kato, General Manager

Title Intellectual Property Dept.

PATENT 8017-1156

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Akira USUI et al.

Conf. 8975

Application No. 10/519,571

Group

Filed December 30, 2004

Examiner

GROUP III NITRIDE SEMICONDUCTOR SUBSTRATE AND PROCESS FOR PRODUCTION THEREOF

STATEMENT IN SUPPORT OF A PETITION UNDER 37 CFR §1.48(a)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Akira USUI, hereby state that I was not named as a joint inventor in the above-identified application in error, and without any deceptive intention. Consequently, I should be added as an inventor in the above-captioned application.

Respectfully submitted,

March 3, 2005

Date

Akira USŬI

PATENT 8017-1156

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Akira USUI et al.

Conf. 8975

Application No. 10/519,571

Group

Filed December 20, 2004

Examiner

GROUP III NITRIDE SEMICONDUCTOR SUBSTRATE AND PROCESS FOR PRODUCTION THEREOF

CERTIFICATE UNDER 37 CFR 3.73(b)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

NEC CORPORATION, a Japanese Corporation, and Hitachi Cable, Ltd., a Japanese Corporation, certify that they are:

the assignees of the entire right, title and interest; or

an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of:

an assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel , frame , or for which a copy thereof is attached.

The undersigned has reviewed all the evidentiary documents in the patent application identified above and, to the best of undersigned's knowledge and belief, title is in

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

the assignee identified above.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under \$1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<u>March 3, 2005</u>	Sachio MATSUBARA
Date	Typed or printed name
	Sachio Matembrane
Telephone Number	Signature of NEC Officer
	Sachio Matsubara, Senior Manager
	Intellectual Asset Planning Division
	Title
March 3, 2005	Masaaki KATO
Date	Typed or printed name
	M. Kato
Telephone Number	Signature of Hitachi Cable
•	Officer
	General Manager
	Intellectual Property Dept.
	interference in the period of

Title

ey Docket No	·
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ASSIGNMENT

W	HER	EAS,
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	Akirà USUI of Tokyo, Japan;
	Masatomo SHIBATA of Ibaraki, Japan; and
	Yuichi OSHIMA of Ibaraki, Japan
	erred to as "applicant(s)", have invented certain new and useful improvements in
	III Nitride Semiconductor Substrate and Process for tion Thereof
(a)	for which an application for a United States patent was filed on
	, Application No,
(b)	for which an application for a United States patent was executed on _December 16, 2004
WHE	REAS, NEC CORPORATION and HITACHI CABLE, LTD.
	ss is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan;
	Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8166, Japan,
respectiv	
	eferred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in
and to the sa	
	, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt
	acknowledged, and other good and valuable consideration, applicant(s), by these
•	(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to
	ention in the United States and the entire right, title and interest in and to any and all
-	h may be granted therefore in the United States, for its sole use and behoof, and for
	behoof of its legal representatives, to the full end of the term for which said patents
may be gran	ted, as fully and entirely as the same would have been held by applicant(s) had this
assignment a	and sale not been made.
Applic	cant(s) hereby authorize(s) and request(s) the Commissioner of Patents and
Trademarks	to issue said United States patents to said assignee(s).
	April 7/11/2 (TE)
Date <u>Dece</u>	mber 16, 2004 / The USW (circotus) Akira USU
- Dece	(signature) Akira USUI
Date	mber 16, 2004 <u>Masalomo Shibalas</u> (signature) Masalomo SHIBATA
Data Decer	nber 16, 2004 Ywich Oshima
Date Decei	(signature) Yuichi OSHIMA
	(

Witness: Masato Kinner
Witness:

T/PT() 109 MAR 2005
ATTORNEY 10/5/9571

As a below named inventor, I hereby declare that

My residence, post office add	ress and citizenship are as stat	ed below next to my name.	•
I believe I am the original, firs	t and sole inventor (if only one	name is listed below) or an origina	al, first and joint inventor
(if plural names are listed be	elow) of the subject matter wh	nich is claimed and for which a i	patent is sought on the
Production There	of	nductor Substrate and	Process for
the specification of which: (c	heck one)		•
	REGULAR OR DESI	GN APPLICATION	
is attached hereto.			
was filed on		as application Serial No	·
and was amended o	on	(if applicable).	
	CT FILED APPLICATION EN	TERING NATIONAL STAGE	
was described and	claimed in International applica	tion No. PCT/JP03/08360	
filed on <u>July</u>	1, 2003	and as amended on <u>Novembe</u>	er 27, 2003 (if
any).		·	
I hereby state that I have reclaims, as amended by any ar	riewed and understand the connendment referred to above.	entents of the above-identified spe	ecification, including the
I acknowledge the duty to disc	close information which is mate	rial to patentability as defined in T	itle 37. Code of Federal
Regulations, §1.56.	PRIORITY	•	
	•		
I hereby claim foreign priority listed below and have also ide	penefits under 35 USC 119 of a ntified below any foreign applic	any foreign application(s) for paten ation for patent or inventor's certif	t or inventor's certificate
before that of the application of	n which priority is claimed.		
	PRIOR FOREIGN A	APPLICATION(S)	
Country	Application	Date of Filing	Priority
	Number	(day, month, year)	Claimed
Japan	2002-193733	02, July, 2002	Yes
I hereby claim the benefit unde	er Title 35. United States Code	§119(e) of any United States prov	isional patent
application(s) listed below:	The se, simou states south	stroke, or any ormod states prov	·
Application No.	Filing Date	Status (patented, p	ending abandoned)
(Complete this part only if this	is a continuing application.)		
I hereby claim the benefit un subject matter of each of the	der 35 USC 120 of any Unite	ed States application(s) listed be ot disclosed in the prior United S	low and, insofar as the
manner provided by the first material to patentability as def	paragraph of 35 USC 112, I ined in Title 37 Code of Federa	acknowledge the duty to disclose the Regulations §1.56 which became transitional filing date of this applicate	se information which is e available between the
Application No.	Filing Date	Status (patented, p	ending abandoned)

Dr	714	\sim	_ ^	TT	\cap	1EY

Docket No.	

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the registered patent attorneys represented by Customer No. 000466 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, including: Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Thomas W. PERKINS, Reg. No. 33,027, Roland E. LONG, Jr., Reg. No. 41,949, Eric JENSEN, Reg. No. 37,855, Liam MCDOWELL, Reg. No. 44,231 and Philip A. DUBOIS, Reg. No. 50,696,

c/o YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, Virginia 22202



Address all telephone calls to Young & Thompson at 703/521-2297. Telefax: 703/685-0573.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

00	Akiı	ca IIQII		
Full name of sole or fir	'st inventor:	<u> </u>	765	
Inventor's signature:	Meira	Usui	Date:	December 16, 2004
Residence: Tol	kyo, Japan	JPX	Citizenship:	Japanese
Post Office Address:	c/o NEC Corr	ooration, 7-	l, Shiba 5-ch	ome, Minato-ku,
ما	Tokyo 108-80	001, Japan		
Full name of second jo	oint inventor, if any:	Masatomo	SHIBATA	
Inventor's signature:	Thasatom	o Slibata	Date:	December 16, 2004
Residence: Iba	raki, Japan	JPX	Citizenship:	Japanese
Post Office Address:	c/o Hitachi	Cable, Ltd.	, Advanced Re	esearch Center, 3550,
,			, Ibaraki 300	
Full name of third join	t inventor, if any:	Yuichi OSHI	MA	
Inventor's signature:		Oshime (Date:	December 16, 2004
Residence:Iba	raki, Japan	JEX	Citizenship:	Japanese
Post Office Address:	c/o Hitachi	Cable, Ltd.	, Advanced Re	esearch Center, 3550,
			, Ibaraki 300	
Full name of fourth joi	nt inventor, if any:			
Inventor's signature:			Date:	
Residence:			Citizenship:	
Post Office Address:				